# 118A AMPLIFIER
# INITIAL AND ROUTINE TESTS

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## 1. GENERAL

1.01 This section specifies the initial and routine tests which should be made on 118A amplifiers. Information on the recommended frequency of the routine maintenance tests is also included.

1.02 In addition to the initial and routine tests, other tests may be required as a result of trouble reports. The particular tests required in such cases must be determined by the character of the reported trouble.

1.03 It may be necessary to make arrangements with the customer for release of the amplifier for routine or trouble clearing tests. The customer should be informed of the expected duration of the tests, and notified upon their completion.

## 2. AMPLIFIER TESTS

2.01 Tests on 118A amplifiers are specified in Table 1. If trouble in the amplifier is indicated, the tubes should be replaced first, or tested, depending upon the use and location of the amplifier. Further tests are listed in Table 1 for trouble investigation.

TABLE 1

Initial and Routine Tests - 118A Amplifiers

| *Test* | *Initial* | *Routine* |
|---|---|---|
| Primary Power Voltage Measurement | X | — |
| Electron Tubes | X | 6 Mos. |
| Gain and Gain-Frequency Tests | X | 6 Mos. |
| Noise | X | 6 Mos. |

*The following additional tests should be made AS REQUIRED, for trouble investigations:*

| *Test* |
|---|
| Preliminary Trouble Locating |
| Operating Voltage Measurements |
| Distortion Troubles |
| Electrolytic Capacitors |

2.02 The detailed procedures for making the above tests as well as the test requirements are covered in Section 024-103-500.

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